

FORM PTO-1449
(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAtty. Docket No.
13850Serial No.
10/016,133**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT Kraemer et al.

FILING DATE
12/17/2002GROUP
2652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						

RECEIVED

MAR 27 2002

Technology Center 2600

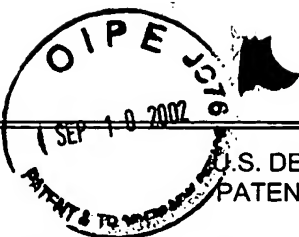
FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
AE					

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

AF	Lindek, Steffen, Pick, Ranier and Stelzer, Ernst H.K., "Confocal Theta Microscope With Three Objective Lenses", American Institute of Physics, Rev. Sci. Instrum. 65 (11), November 1994, pgs. 3367-3372.
AG	Wang M. M., Esener, S. C., McCormick, F. B., Cokgor, I., Dvornikov, A.S., and Rentzepis, P.M., "Experimental Characterization of a Two-Photon Memory", Optical Society of America, Optics Letters, April 15, 1997, Voume 22, No. 8, pgs. 558-560.
AH	Denk, Winfried, Strickler, James H., and Webb, Watt W., "Two-Photon Laser Scanning Fluorescence Microscopy", American Association for the Advancement of Science, Science, New Series, Volume 248, Issue 4951, April 6, 1990, pgs. 73-76.
AI	Sales, Tasso R. M., and Morris, G. Michael, "Fundamental Limits of Optical Superresolution", Optical Society of America, Optics Letters, Vol. 22, No. 9, May 1, 1997, pgs. 582-584.
AJ	Parthenopoulos, Dimitri A., and Rentzepis, Peter M., "Three-Dimensional Optical Storage Memory", American Association for the Advancement of Science, Science, New Series, Volume 245, Issue 4920, August 25, 1989, pgs. 843-845.
AK	Davila, Carlos A., and Hunt, B. R., "Superresolution of Binary Images With a Nonlinear Interpolative Neural Network", Applied Optics, Volume 39, No. 14, May 10, 2000, pgs. 2291-2299.

<i>GR</i>	AL	Grochmalicki, Jan, and Pike, Roy, "Superresolution for Digital Versatile Discs (DVD's), Optical Society of America, Applied Optics, Volume 39, No. 34, December 1, 2000, pgs. 6341-6349.
<i>AM</i>	AM	Sales, Tasso R. M., and Morris, G. Michael, "Diffractive Superresolution Elements", Optical Society of America, Volume 14, No. 7, July 1997, pgs. 1637-1646.
<i>GR</i>	AN	Dvornikov, A. S., and Rentzepis, P. M., "Novel Organic ROM Materials for Optical 3D Memory Devices", Optics Communications, Volume 136, March 1, 1997, pgs. 1-6
<i>GR</i>	AO	Pudavar, Haridas, Joshi, Mukesh P., Prasad, Paras N., and Reinhardt, Bruce A., "High-Density Three-Dimensional Optical Data Storage in a Stacked Compact Disk Format With Two-Photon Writing and Single Photon Readout", American Institute of Physics, Applied Physics Letters, Volume 74, No. 9, March 1, 1999, pgs. 1338-1340.
<i>GR</i>	AP	Sales, Tasso R. M., "Smallest Focal Spot", The American Physical Society, Physical Review Letters, Volume 81, No. 18, November 2, 1998, pgs. 3844-3847.
<i>GR</i>	AQ	Kumacheva, Eugenia, Kalinina, Olga, and Lilge, Lothar, "Three-Dimensional Arrays In Polymer Nanocomposites, Advanced Materials, November 2, 1999, pgs. 231-234.
EXAMINER <i>9-10-04</i>		DATE CONSIDERED <i>8/12/04</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



Sheet 1 of 1

FORM PTO-1449 (Rev. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 13850	Serial No. 10/016,133
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kraemer et al.	
		FILING DATE 12/17/2002	GROUP 2652

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JA	AA	5	7	4	0	1	8	4	4/14/98	Heanue et al.			
JA	AB	5	8	6	2	2	6	9	1/19/99	Cohen et al.			
JA	AC	5	8	8	9	7	5	2	3/30/99	Maeda et al.			
JA	AD	5	9	5	2	1	3	1	9/14/99	Kumacheva et al.			

RECEIVED
SEP 12 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
JA	AE	0	9	5	9	4	3	3	11/24/99	Europe			x	
JA	AF	0	5	6	9	7	1	8	11/18/93	Europe			x	
JA	AG	0	4	0	0	8	9	9	12/5/90	Europe			x	
JA	AH	0	4	0	2	1	8	0	12/12/90	Europe			x	
JA	AI	0	5	2	4	0	4	3	1/20/93	Europe				x

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
JA	AJ		Kalinina, O. et al., "A core-shell approach to producing 3D polymer nanocomposites: Macromolecules, American Chemical Society, Easton, US, Vol. 32, No. 12, 1999, pages 4122-4129											
JA	AK		Siwick, B.J. et al., "Polymeric nanostructured material for high-density three-dimensional optical memory storage", Journal of Applied Physics, 15 Nov 2001, AIP, USA, Vol. 90, No. 10., pages 5328-5334											
	AL													
	AM													

EXAMINER 9.10.07	DATE CONSIDERED 6/17/07
---------------------	----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.